

NCR: Yes / No

WORK ORDER NON-CONFORMANCE / UPDATE

DQA: _____ Date: _____

QA Closed: _____ Date: _____

Work Order: _____ Part No. _____ NCR No. _____				DISPOSITION Rework <input type="checkbox"/> Scrap <input type="checkbox"/> Use-as-is <input type="checkbox"/> Work Order Update <input type="checkbox"/>		AGAINST DEPARTMENT/PROCESS <div style="display: flex; justify-content: space-between;"> <div> Skid-tube <input type="checkbox"/> Machining <input type="checkbox"/> Thermoforming <input type="checkbox"/> Large Fab <input type="checkbox"/> </div> <div> Crosstube <input type="checkbox"/> Small Fab <input type="checkbox"/> Finishing <input type="checkbox"/> Composite <input type="checkbox"/> </div> <div> Water Jet <input type="checkbox"/> Prod. Eng. Coord. <input type="checkbox"/> Rec/Store/Packaging <input type="checkbox"/> Supplier <input type="checkbox"/> </div> <div> Engineering <input type="checkbox"/> Quality <input type="checkbox"/> Other <input type="checkbox"/> </div> </div>					
Root Cause	Date	Step	Qty	Description of work order update or Non-conformance	Initial Chief Eng	Action Description	Sign & Date	Verification	QC Inspector		
Doc/Data											
Equip/Tooling											
Operator											
Material											
Setup											
Other											
Process											
Supplier											
Training											
Unapproved											

FAULT CATEGORY			
Landing Gear <input type="checkbox"/> Bending <input type="checkbox"/> Centre Not Concentric to O/S <input type="checkbox"/> Cracks <input type="checkbox"/> Crushed/Crimped <input type="checkbox"/> Cuffs <input type="checkbox"/> Heat Treat <input type="checkbox"/> Inspection Strip in Tube <input type="checkbox"/> Ripples in Bend <input type="checkbox"/> Torque Waves in Extrusion <input type="checkbox"/> Turning Sequence <input type="checkbox"/> Wave/Twist in Tube	General <input type="checkbox"/> Bend <input type="checkbox"/> BOM/Route <input type="checkbox"/> Broken/Damaged <input type="checkbox"/> Burrs <input type="checkbox"/> Contamination <input type="checkbox"/> Countersink <input type="checkbox"/> Cut Too Short <input type="checkbox"/> Drill Holes <input type="checkbox"/> Drawing <input type="checkbox"/> Finish <input type="checkbox"/> Folio	<input type="checkbox"/> Grain <input type="checkbox"/> Hardware <input type="checkbox"/> Inspection Incomplete <input type="checkbox"/> Instructions Incomplete/Unclear <input type="checkbox"/> Maintenance <input type="checkbox"/> Mislabeled <input type="checkbox"/> Misread <input type="checkbox"/> Offset <input type="checkbox"/> Out of Calibration <input type="checkbox"/> Out of Sequence <input type="checkbox"/> Outside Dimensions	<input type="checkbox"/> Ovalized <input type="checkbox"/> Over/Under tolerance <input type="checkbox"/> Part Incorrect <input type="checkbox"/> Part Lost/Missing <input type="checkbox"/> Part Moved <input type="checkbox"/> Positioned Wrong <input type="checkbox"/> Power Loss/Surge <input type="checkbox"/> Pressure/Forced <input type="checkbox"/> Temperature/Cure <input type="checkbox"/> Weld <input type="checkbox"/> Wrong Stock Pulled <input type="checkbox"/> Other

Work Order ID 94834***94834***

Page 2

Item ID: D412-758-015

Accept

N900040100Setup Start ***NS1***

Revision ID:

Item Name: GPSMAP Top Mounted GPS Receiver Gimbal Mount

Stop ***NS2***Start Date: 12/19/2012 Start Qty: 1.00 ***1***

Cust Item ID:

Required Date: 12/19/2012 Req'd Qty: 1.00 ***1***

Customer:

Reference:

Approvals: Process Plan: _____ Date: _____ Tooling: _____ Date: _____

Run Start ***NR1***

QC: _____ Date: _____ SPC (Y/N): _____ Date: _____

Stop ***NR2***

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
120	Packaging	0.00				⑦		6/12/19	DAS 06
120									
Packaging	Memo	0.00							
Packaging	Identify and pack for shipping as per PPP D412-758-015								
	Location: _____								
	PPP Rev: _____								
130	QC21- Final Inspection - Work Order Release	0.00							
130									
QC	Memo	0.00							
Quality Control									

NCS 12-12-19

NCS 12-12-19

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Picklist Print

Wednesday, December 19, 2012 10:20:54

Page 1

Work Order ID: 94834

Parent Item: D412-758-015

Parent Item Name: GPSMAP Top Mounted GPS Receiver Gimbal Mount

Start Date: 12/19/2012

Required Date: 12/19/2012

Start Qty: 1.00

Required Qty: 1.00

Comments: IPP rev:A 10.06.21 new issue DD verified by:EC
DD VERF:JLM

IPP REV:B 12.10.24 ECN 12-669

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
AN525-10R9 Screw		Purchased	No			110	Each	75.0000	3x	3x			
				<u>Location</u>		<u>Loc Qty</u>		<u>Loc Code</u>					
				ST344		75							
				122378		75							
D3531-041 Bracket Assembly		Manufactured	No			110	Each	3.0000	3x	3x			
				<u>Location</u>		<u>Loc Qty</u>		<u>Loc Code</u>					
				ST228		3							
				92440		3							
D2464 3/4 Seal		Manufactured	No			110	f	502.6053	1x	1.1052632			
cut qty of 2 at 6.6" as per dwg D2464-0066 ***per kit***													
				<u>Location</u>		<u>Loc Qty</u>		<u>Loc Code</u>					
				ST403		502.6053368							
				61878		83.6406							
				83543		418.964737							
D3525-1 Placard		Manufactured	No			110	Each	2.0000	1.1				
				<u>Location</u>		<u>Loc Qty</u>		<u>Loc Code</u>					
				ST055		2							
				81318		2							
D3645-1 Washer		Manufactured	No			110	Each	8.0000	1x				
				<u>Location</u>		<u>Loc Qty</u>		<u>Loc Code</u>					
				ST061		8							
				35025		8							

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Wednesday, December 19, 2012 10:20:54

Page 2

Work Order ID: 94834

Parent Item: D412-758-015

Parent Item Name: GPSMAP Top Mounted GPS Receiver Gimbal Mount

Start Date: 12/19/2012

Required Date: 12/19/2012

Start Qty: 1.00

Required Qty: 1.00

AN525-10R10

Screw

Purchased

No

110

Each

153.0000

4

4

Location

Loc Qty

Loc Code

ST344

153

13536

78

19356

75

NASH49DN632J

Washer

Purchased

No

110

Each

333.0000

Location

Loc Qty

Loc Code

ST293

333

123900

333

NASH49D0363J

Washer

Purchased

No

110

Each

2,198.0000

Location

Loc Qty

Loc Code

FP001

145

123248

145

GA

180

122378

180

ST294

1873

122378

1275

123355

598

MS21042L06

Nut

Purchased

No

110

Each

249.0000

Location

Loc Qty

Loc Code

ST314

249

122441

149

123900

100

MS24693-S29

Screw

Purchased

No

110

Each

50.0000

Location

Loc Qty

Loc Code

ST301

50

103915

50

Wednesday, December 19, 2012 10:20:54 AM

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Page 2

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Landing Gear <input type="checkbox"/> Bending <input type="checkbox"/> Centre Not Concentric to O/S <input type="checkbox"/> Cracks <input type="checkbox"/> Crushed/Crimped <input type="checkbox"/> Cuffs <input type="checkbox"/> Heat Treat <input type="checkbox"/> Inspection Strip in Tube <input type="checkbox"/> Ripples in Bend <input type="checkbox"/> Torque Waves in Extrusion <input type="checkbox"/> Turning Sequence <input type="checkbox"/> Wave/Twist in Tube			General <input type="checkbox"/> Bend <input type="checkbox"/> BOM/Route <input type="checkbox"/> Broken/Damaged <input type="checkbox"/> Burrs <input type="checkbox"/> Contamination <input type="checkbox"/> Countersink <input type="checkbox"/> Cut Too Short <input type="checkbox"/> Drill Holes <input type="checkbox"/> Drawing <input type="checkbox"/> Finish <input type="checkbox"/> Folio			<input type="checkbox"/> Grain <input type="checkbox"/> Hardware <input type="checkbox"/> Inspection Incomplete <input type="checkbox"/> Instructions Incomplete/Unclear <input type="checkbox"/> Maintenance <input type="checkbox"/> Mislabeled <input type="checkbox"/> Misread <input type="checkbox"/> Offset <input type="checkbox"/> Out of Calibration <input type="checkbox"/> Out of Sequence <input type="checkbox"/> Outside Dimensions			<input type="checkbox"/> Ovalized <input type="checkbox"/> Over/Under tolerance <input type="checkbox"/> Part Incorrect <input type="checkbox"/> Part Lost/Missing <input type="checkbox"/> Part Moved <input type="checkbox"/> Positioned Wrong <input type="checkbox"/> Power Loss/Surge		<input type="checkbox"/> Pressure/Forced <input type="checkbox"/> Temperature/Cure <input type="checkbox"/> Weld <input type="checkbox"/> Wrong Stock Pulled <input type="checkbox"/> Other	

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Wednesday, December 19, 2012 10:20:54

Page 3

Work Order ID: 94834

Parent Item: D412-758-015

Parent Item Name: GPSMAP Top Mounted GPS Receiver Gimbal Mount

Start Date: 12/19/2012

Required Date: 12/19/2012

Start Qty: 1.00

Required Qty: 1.00

RAM-B-201U-A
Socket Arm, 1.75"

Purchased No

110 Each 6.0000

2

2

SP

SP

Location

Loc Qty

Loc Code

ST391

6

123342

6

110 Each 6.0000

2x

SP

SP

RAM-B-202U
Round Plate Mount, Single 1" Ball

Purchased No

Location

Loc Qty

Loc Code

ST391

6

123342

6

110 Each 10.0000

2x

SP

SP

RAM-B-217U
Round Plate Mount, Dual 1" Ball

Purchased No

Location

Loc Qty

Loc Code

ST391

10

120639

8

121391

2

110 Each 4,781.0000

1x

SP

SP

MS2104213
Nut

Purchased No

Location

Loc Qty

Loc Code

FP001

143

122141

143

GA

458

122452

458

ST314

680

117885

32

119017

55

119075

138

123265

455

ST506

3500

123900

3500

3x

12-12-19

Wednesday, December 19, 2012 10:20:55 AM

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Operator									
Material									
Setup									
Other									
Process									
Supplier									
Training									
Unapproved									

FAULT CATEGORY

Landing Gear <input type="checkbox"/> Bending <input type="checkbox"/> Centre Not Concentric to O/S <input type="checkbox"/> Cracks <input type="checkbox"/> Crushed/Crimped <input type="checkbox"/> Cuffs <input type="checkbox"/> Heat Treat <input type="checkbox"/> Inspection Strip in Tube <input type="checkbox"/> Ripples in Bend <input type="checkbox"/> Torque Waves in Extrusion <input type="checkbox"/> Turning Sequence <input type="checkbox"/> Wave/Twist in Tube	General <input type="checkbox"/> Bend <input type="checkbox"/> BOM/Route <input type="checkbox"/> Broken/Damaged <input type="checkbox"/> Burrs <input type="checkbox"/> Contamination <input type="checkbox"/> Countersink <input type="checkbox"/> Cut Too Short <input type="checkbox"/> Drill Holes <input type="checkbox"/> Drawing <input type="checkbox"/> Finish <input type="checkbox"/> Folio	<input type="checkbox"/> Grain <input type="checkbox"/> Hardware <input type="checkbox"/> Inspection Incomplete <input type="checkbox"/> Instructions Incomplete/Unclear <input type="checkbox"/> Maintenance <input type="checkbox"/> Mislabeled <input type="checkbox"/> Misread <input type="checkbox"/> Offset <input type="checkbox"/> Out of Calibration <input type="checkbox"/> Out of Sequence <input type="checkbox"/> Outside Dimensions
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REFERENCE ONLY

SM

DART AEROSPACE LTD.

IIN-D412-758

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5.0 PARTS LIST

QTY -011	QTY -013	QTY -015	Part Number	Description
X			D412-758-011	Bottom Mounted GPS Receiver Gimbal Mount
	X		D412-758-013	Top Mounted GPS Receiver Gimbal Mount
		X	D412-758-015	GPSMAP Top Mounted GPS Receiver Gimbal Mount
1			D3514-041	Bottom Mounted Gimbal Assembly
	1		D3514-043	Top Mounted Gimbal Assembly
			D3531-041	Bracket Assy.
	2		D2464-0066	Neoprene Seal
1	1		D3525-1	Placard
1			D3527-1	Support Arm
1			D3530-1	Base Plate
1			D3530-3	Mounting Plate
1	1		D3534-1	Doubler
	4		D3645-1	Washer
			AN525-10R9	Screw
	4		AN525-10R10	Screw
3			AN526-632R7	Screw (or MS35206-229)
3			NAS1149DN632J	Washer (Alternate p/n AN960JD6)
2	4		NAS1149D0363J	Washer (Alternate p/n AN960JD10)
3			MS21042L06	Nut
1			MS21042L3	Nut
4	4		MS24693-S27	Screw
1			MS27039-1-09	Screw
			MS24693-S29	Screw
	2		RAM-B-201U-A	Socket Arm, 1.75"
	2		RAM-B-202U	Round Plate Mount, Single 1" Ball
	1		RAM-B-217U	Round Plate Mount, Dual 1" Ball

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Revision: D

Date: 12.08.10

